

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011922\
 Data File : VX026520.D
 Acq On : 19 Jan 2022 16:45
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/20/2022
 Supervised By : Mahesh Dadoda 01/20/2022

Quant Time: Jan 20 05:06:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	105619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	170332	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	144349	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67891	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	69724	47.257	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.520%		
35) Dibromofluoromethane	5.385	113	54334	49.397	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.800%		
50) Toluene-d8	8.647	98	199999	50.457	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.920%		
62) 4-Bromofluorobenzene	11.079	95	70783	50.269	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.540%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	57744	46.299	ug/l	100
3) Chloromethane	1.294	50	53390	46.697	ug/l	100
4) Vinyl Chloride	1.380	62	58167	48.457	ug/l	97
5) Bromomethane	1.618	94	26032	47.011	ug/l	97
6) Chloroethane	1.691	64	29635	48.821	ug/l	97
7) Trichlorofluoromethane	1.892	101	88324	46.604	ug/l	98
8) Diethyl Ether	2.136	74	32293	48.153	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	57675	49.937	ug/l	99
10) Methyl Iodide	2.453	142	70623	56.198	ug/l	99
11) Tert butyl alcohol	2.995	59	51878m	252.759	ug/l	
12) 1,1-Dichloroethene	2.325	96	54254	49.185	ug/l	97
13) Acrolein	2.239	56	59864	274.484	ug/l	99
14) Allyl chloride	2.666	41	99081	48.844	ug/l	99
15) Acrylonitrile	3.069	53	159843	252.992	ug/l	99
16) Acetone	2.386	43	157439	209.247	ug/l	98
17) Carbon Disulfide	2.514	76	147554	45.818	ug/l	100
18) Methyl Acetate	2.703	43	74921	50.087	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	193940	48.456	ug/l	99
20) Methylene Chloride	2.794	84	59319	47.717	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	58194	48.734	ug/l	98
22) Diisopropyl ether	3.757	45	204010	49.511	ug/l	95
23) Vinyl Acetate	3.721	43	857655	252.863	ug/l	99
24) 1,1-Dichloroethane	3.611	63	110413	49.617	ug/l	100
25) 2-Butanone	4.556	43	231880	236.979	ug/l	98
26) 2,2-Dichloropropane	4.477	77	80450	48.773	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	67755	49.716	ug/l	99
28) Bromochloromethane	4.898	49	46032	50.377	ug/l	99
29) Tetrahydrofuran	5.001	42	144922	249.376	ug/l	99
30) Chloroform	5.093	83	114360	49.460	ug/l	99
31) Cyclohexane	5.471	56	104962	48.232	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	101351	49.834	ug/l	100
36) 1,1-Dichloropropene	5.690	75	85643	49.321	ug/l	99
37) Ethyl Acetate	4.715	43	90272	51.392	ug/l	99
38) Carbon Tetrachloride	5.678	117	89560	50.142	ug/l	98
39) Methylcyclohexane	7.379	83	106066	50.641	ug/l	98
40) Benzene	6.038	78	239492	49.899	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	51628	51.886	ug/l	99
42) 1,2-Dichloroethane	6.086	62	90422	48.153	ug/l	100
43) Isopropyl Acetate	6.336	43	145775	51.376	ug/l	99
44) Trichloroethene	7.123	130	70024	51.417	ug/l	96
45) 1,2-Dichloropropane	7.428	63	61947	51.708	ug/l	97
46) Dibromomethane	7.580	93	42608	50.452	ug/l	100
47) Bromodichloromethane	7.824	83	86372	50.617	ug/l	99
48) Methyl methacrylate	7.690	41	72053	51.241	ug/l	99
49) 1,4-Dioxane	7.684	88	22857	990.507	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	440033	261.463	ug/l	99
52) Toluene	8.720	92	149623	50.837	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	86426	47.479	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	97150	53.008	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	58291	50.752	ug/l	97
56) Ethyl methacrylate	9.116	69	92459	52.528	ug/l	99
57) 1,3-Dichloropropane	9.305	76	101617	51.032	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	243582	263.913	ug/l	99
59) 2-Hexanone	9.433	43	333959	259.266	ug/l	99
60) Dibromochloromethane	9.525	129	63228	52.828	ug/l	99
61) 1,2-Dibromoethane	9.610	107	60422	50.486	ug/l	98
64) Tetrachloroethene	9.275	164	71153	52.180	ug/l	95
65) Chlorobenzene	10.079	112	153748	50.579	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	57694	51.080	ug/l	100
67) Ethyl Benzene	10.195	91	282514	51.143	ug/l	100
68) m/p-Xylenes	10.299	106	213254	103.159	ug/l	99
69) o-Xylene	10.640	106	103219	51.746	ug/l	99
70) Styrene	10.659	104	173214	53.216	ug/l	99
71) Bromoform	10.799	173	41676	48.288	ug/l #	99
73) Isopropylbenzene	10.963	105	275422	49.492	ug/l	99
74) N-amyl acetate	10.842	43	111345	51.827	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	73209	49.012	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	76415m	51.120	ug/l	
77) Bromobenzene	11.201	156	63064	49.467	ug/l	98
78) n-propylbenzene	11.305	91	320410	50.490	ug/l	100
79) 2-Chlorotoluene	11.366	91	187928	48.835	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	228834	49.878	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	22739	48.186	ug/l	97
82) 4-Chlorotoluene	11.457	91	217601	49.200	ug/l	100
83) tert-Butylbenzene	11.713	119	210201	49.079	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	227449	49.566	ug/l	98
85) sec-Butylbenzene	11.890	105	284070	51.278	ug/l	99
86) p-Isopropyltoluene	12.012	119	242237	52.119	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	118758	49.697	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	118177	48.859	ug/l	98
89) n-Butylbenzene	12.335	91	211658	53.067	ug/l	99
90) Hexachloroethane	12.542	117	37095	47.921	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	113685	50.342	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18928	52.431	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	75014	51.812	ug/l	98
94) Hexachlorobutadiene	13.725	225	31821	52.065	ug/l	99
95) Naphthalene	13.780	128	262290	54.313	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	74714	52.473	ug/l	99

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

